

Project Construction Field Report

Project Name: Mercer County Schools ESPC (ZME18)
Date: 06/10/19
Contractor's onsite: CPS Mech, Freedom Energy, Core Controls, CKSM, Intertech Electric, Brake Interior

Work completed (5/17/19– 6/7/19):

King Middle School/ Tech Office:

- CKSM: Boiler supply piping and base mount pumps installing in mechanical room.
- CKSM / Intertech Electrical: Existing gymnasium air handlers #1 & #2, duct, Electrical feeds, hydronic piping demoed as needed for new work to AHU-1.
- CKSM: AHU-1 installed on new mezzanine.
- CKSM / Intertech Electric: Continue electrical and loop connections on fan coils as they are installed.
- CKSM: VRF piping Installed in Area A – CU #1, & #2.
- CKSM: OA duct Installed in Area A.
- Intertech Electric: Line voltage wiring rough – ongoing
- Core Controls: Control wiring rough-in – on going on VRF and fan coil units.
- Brake Interiors: Ceiling grid and pad removal throughout building.
- BCD: Gymnasium bleacher demo and Prep for block and walls.
- Freedom Energy: Demo of 2x4 troffers across building. Freedom Energy: Interior and exterior lights completed at Tech office.



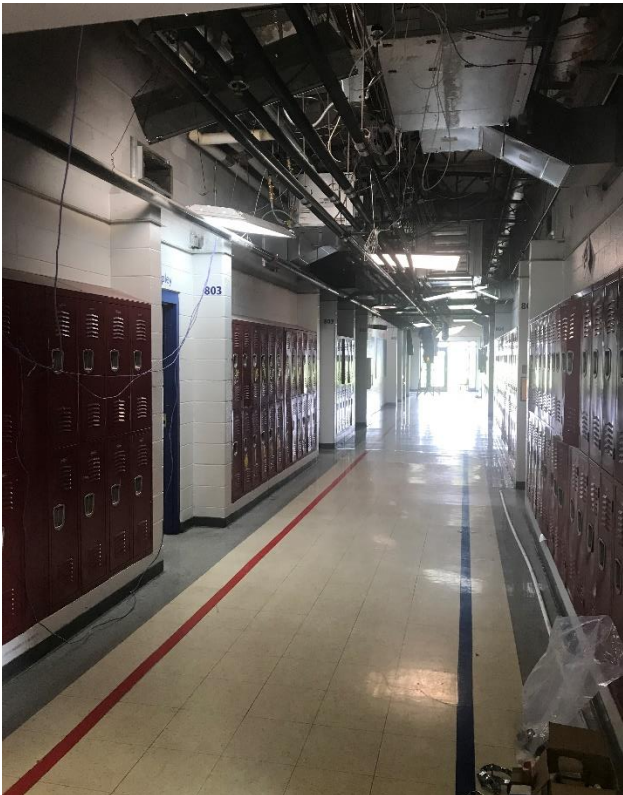


Intermediate School:

- CPS: WSHP's Demo / Install from back classroom wings to cafeteria and Band room.
- CPS: Duct and hydronic piping connections – on going
- CPS: CT/Sump basin backfill (rock) and fencing complete.
- CPS: ERV's install from classroom wings to cafeteria and new office area.
- Core Controls: Control wiring rough-in across building.
- Brake Interiors: Ceiling demo complete, band room grid work reinstalled.
- Freedom Energy: Re-lamping fixtures across building. Classrooms, Media and central areas of building complete.
- Intertech Electric: Line voltage wiring rough – ongoing. New panel feeds, Relocate of fire alarm system as required for new work and unit disconnects.
- BCD: Demo Gym louvers/ duct penetrations in wall, 905A, 905B, 905C and new office locations, coordination between Tim Berger, Intertech Electric and Freedom Energy of new / existing data and electrical outlets.







Mercer Elementary School:

- Core Controls/CMTA: Off-site graphic and commissioning work.
- C&T / Intertech Electric: Demo completed. Cooler / Freezer installed. Electrical in progress.



Week Of 6/10/19 – 6/24/19

Intermediate School:

- CPS / Intertech Electric / Core Controls: Continue unit connections, Electrical feeds and install new drops in Mech room. Mount stats in classrooms and wire pulls to units.
- CPS: Start base mount pumps and Gym units / ERV connections.
- CPS: Continue demo and review new work/ relocated unit clearances.
- CMTA: Coordinate mechanical install with BCD in 905 rooms, New office space and Gym.
- Brake Interiors: Start ceiling tiles and grid back in classroom wings week of June 17th.

Senior High School:

- Freedom Energy: Lighting Installs of Auditorium, exterior fixtures/ poles and re-lamp in Media room.
- CMTA: Review existing controls and ERV issues.
- Core Controls/CMTA: Finish up integration on building, Continue graphic work and commissioning checkout punch.

Elementary School:

- Freedom Energy: Lighting work in classrooms to continue toward end of June.
- Core Controls/CMTA: Finish up integration on building, Continue graphics and commissioning.
- C&T: Cooler/Freezer waiting on electrical connections for evaporator in units. Should be completed by mid-June.

King Middle School:

- CKSM: Installing piping connections for fan coils, VRF system and AHU-1.
- CKSM: Continue install of VRF ceiling cassettes in classrooms on D and C areas.
- CKSM / Intertech Electric Core Controls: Install piping and Electrical in mech room for boiler and pumps.
- CKSM: Continue welding of structural supports below curbs.
- Intertech Electric: Continue disconnect and new hookups of fan coil units throughout building.
- Brake Interiors: Start ceiling tiles and grid back area A (J&K corridor) week of June 17th.



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- CMTA / BCD: Coordinate mechanical installs new Mech room in gym and woodshop.
- Freedom Energy: New 2x4 flat panel lights to start install at area A week of June 17th.

Harlow / Alternative:

- Core Controls/ CMTA: Continue Commissioning checkout.
- Freedom Energy: lighting punch items and exterior lights to finish by mid-June.

General Items

- Hvac and Electrical Inspections have been done on area A King Middle and after week of June 17th classrooms should be ready for furniture to move back in with exception of floor waxing by custodial staff.
- VRF systems #1 & #2 in area A to be ready for startup during week of June 24th.
- Waxing at Intermediate has been going well in classrooms across building. Custodial staff has been great to work with and coordination between contractors/staff have been easy to allow access to classrooms.

Safety Review

- No issues to report on construction install.
- Keep in mind of any concerned areas and bring them to attention as we work across district.

Jerry Hammock
Construction Manager
CMTA Energy Solutions



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